

**567—82.12(455B) Certified well contractor obligations.**

**82.12(1) *Submission of records and samples.*** Each certified well contractor shall submit drilling records and drill cutting samples, when required, to the Iowa Geological Survey, Department of Natural Resources, Oakdale Campus, University of Iowa, Iowa City, Iowa 52242, telephone (319)338-1575, or as otherwise directed by the department, as follows:

*a.* Within 30 days of completion of any water well used as part of a public water supply, a well used for withdrawal of water for which a permit is required by rule 567—50.1(455B), or wells used to monitor groundwater quantity or quality required by the department if so directed by the Iowa geological survey (IGS), department of natural resources. The certified well contractor must submit the drilling records and samples required by subrules 82.12(2) and 82.12(3).

*b.* Within 30 days of the completion of any water well used as part of a nonpublic water supply or other water wells used to access groundwater. The certified well contractor must submit the drilling records and samples required by subrules 82.12(2) and 82.12(3).

*c.* Prior to constructing a water well to be used as part of a nonpublic water supply or other water well used to access groundwater, the certified well contractor must contact the local health department in the county in which the water well is to be located to determine if submittal of drill cutting samples is required.

**82.12(2) *Drilling records.*** Drilling records must be submitted on the water well driller's log form provided by the Iowa geological survey, department of natural resources.

**82.12(3) *Water well log.*** The water well driller's log shall include the following:

- a.* Location and legal description (quarter section, section number, township, range and county).
- b.* Reference point for all depth measurements.
- c.* Depth at which each significant change of formation occurs.
- d.* Depth at which pump is set, the nonpumping and pumping water levels in the well measured from the land surface, and the rate and duration the well was pumped.
- e.* Identification of the material of which each significant stratum is composed.
- f.* Depth at which hole diameters (bit sizes) change.
- g.* Normal hole diameter of the well bore.
- h.* Total depth of the completed hole.
- i.* Depth or location of any lost drilling fluids, drilling materials, or tools.
- j.* Casing depth, grouting schedule, including materials used and method of placement, and description of the well casing and liner pipe.
- k.* Description of well screens including diameter, length, material slot sizes, amount of open area, and location in well.
- l.* Description of physical and chemical well development activities.

**82.12(4) *Cutting samples.*** Drill cutting samples shall be collected at intervals of 5 feet and at each pronounced change in geological formation. The Iowa geological survey, department of natural resources, will provide drill cutting bags.

**82.12(5) *Test pumping.*** Certified well contractors shall provide the requested test pumping data for water wells used as part of a public water supply pursuant to 567—subrule 41.12(2) and for water wells utilized as part of a regulated water use pursuant to 567—subrule 50.6(1).